



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-12-2022

Test No: 1250

Weather: Sunny

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 9:49 AM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:01 AM	Sampling Time: 11:08 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			24.6	24.6	24.6	24.9
2	pH		day	6.5-8.5				7.82	7.73	7.64	7.56
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	111	23.6	23	4.44	0.65	0.58
4	Color	pt-co	day	15	Portable analyser-AQ3700			97	29	12	14
5	Suspended Solid	mg/L	day	...				102	20	20	4
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	Portable analyser-ST300D						
8	Nitrogen-Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			20	20		
Remark:											